

EXAMPLE – CRUSHER OPERATOR
Sound Level Meter (SLM) Noise Dose Determination

Person Surveyed SLM EXAMPLE 2 Occupation Crusher Operator

Person Completing This Form _____ Date This Form Completed _____

Instructions: 1. Enter estimated total exposure time at each applicable noise level. Obtain exposure time values from Form 1.2, Table B. Before entering times on this form, round off values as follows:

- a. If total exposure time at a given dBA is less than 15 minutes, enter 15 minutes for that dBA level.
- b. If total exposure time at a given dBA is between 15 and 30 minutes, enter 30 minutes for that dBA level.
- c. If total exposure time at a given dBA is more than 30 minutes, round to nearest full hour, then enter time for that dBA level.

- 2. Enter corresponding Action Level Noise Doses. Obtain values from Noise Dose Table, Form 3.
- 3. Add together all Action Level Noise Doses to yield total Action Level Noise Dose for this person.
- 4. Enter corresponding Permissible Exposure Limit Noise Doses. Obtain values from Noise Dose Table, Form 3.
- 5. Add together all Permissible Exposure Limit Noise Doses to yield total Permissible Exposure Limit Noise Dose for this person.

Example 1: See Example 1 from instruction section on Form 1.2. Full shift noise exposure was determined to be 108 minutes @ 93 dBA, 324 minutes @ 86 dBA, and 108 minutes @ 80 dBA. 108 minutes rounds to 2 hours, and 324 minutes rounds to 5 hours. Thus, values for this form are 2-hr @ 93 dBA, 5-hr @ 86 dBA, and 2-hr @ 80 dBA. The corresponding Action Level Noise Doses from the Noise Dose Table are 38%, 38%, and 6%. Adding these percentages together yields total Action Level Noise Dose of 82%. The Permissible Exposure Limit Noise Dose corresponding to this exposure is 38%. (Only exposures above 90 dBA are included in Permissible Exposure Limit Noise Dose. Thus, the only relevant exposure is the 2-hr @ 93 dBA, which from the Noise Dose Table, is 38%.)

Example 2: See Example 2 from instruction section on Form 1.2. Full shift noise exposure was determined to be 500 minutes @ 84 dBA, and 100 minutes @ 95 dBA. 500 minutes rounds to 8 hours, and 100 minutes rounds to 2 hours. Thus, values for this form are 8-hr @ 84 dBA, and 2-hr @ 95 dBA. The corresponding Action Level Noise Doses from the Noise Dose Table are 43% and 50%. Adding these percentages together yields total Action Level Noise Dose of 93%. The Permissible Exposure Limit Noise Dose corresponding to this exposure is 50%. (Only exposures above 90 dBA are included in Permissible Exposure Limit Noise Dose. Thus, the only relevant exposure is the 2-hr @ 95 dBA, which from the Noise Dose Table, is 50%.)

| Noise Level | Estimated Total Exposure Time At This Noise Level (Rounded Up To 15 Min., 30 Min., Or Nearest Full Hour) | Action Level Noise Dose (Obtain Noise Dose Values From Noise Dose Table.) | Permissible Exp. Limit Noise Dose (Obtain Noise Dose Values From Noise Dose Table.) |
|--------------|--|---|--|
| Less Than 80 | Noise Levels Less Than 80 dBA Not Applicable | | |
| 80 | r | | Noise Levels Less Than 90 dBA Not Included In Determination of Permissible Exposure Limit Noise Dose |
| 81 | | | |
| 82 | | | |
| 83 | 2 hrs 15 min -> 3 Hours | 14% | |
| 84 | 5 hrs 5 min -> 6 Hours | 33% | |
| 85 | | 6% | |
| 86 | | | |
| 87 | 15 min | 2% | |
| 88 | | | |
| 89 | | | |
| 90 | | | |
| 91 | | | |

Continue On Next Page (Form 6.2)

EXAMPLE – CRUSHER OPERATOR
Continued From Previous Page (Form 6.1)

| Noise Level | Estimated Total Exposure Time At This Noise Level (Rounded Up To 15 Min., 30 Min., Or Nearest Full Hour) | Action Level Noise Dose. Obtain Noise Dose values from Noise Dose Table. | Permissible Exp. Limit Noise Dose. Obtain Noise Dose values from Noise Dose Table. |
|---|--|--|--|
| 92 | 1 hr 25 min -> 2 Hours | 33% | 33% |
| 93 | | | |
| 94 | | | |
| 95 | | | |
| 96 | | | |
| 97 | | | |
| 98 | | | |
| 99 | | | |
| 100 | | | |
| 101 | | | |
| 102 | | | |
| 103 | | | |
| 104 | | | |
| 105 | | | |
| 106 | | | |
| 107 | | | |
| 108 | | | |
| 109 | | | |
| 110 | | | |
| 111 | | | |
| 112 | 3 min -> 15 min | 66% | 66% |
| 113 | | | |
| 114 | | | |
| 115 | | | |
| More Than 115 | Exposures Above 115 dBA Not Permitted | | |
| Add All Individual Action Level Noise Doses To Yield Total Action Level Noise Dose. | | 148% | 99% |
| Add All Individual Permissible Exposure Limit Noise Doses To Yield Total Permissible Exposure Limit Noise Dose. | | Total Action Level Noise Dose | Total Permissible Exposure Limit Noise Dose |